

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

5    **Listing of Claims:**

Claim 1 (currently amended): A scanner comprising:

a housing including an upper case and a lower case;  
a shaft seat positioned between the upper case and the lower case;  
a shaft set on the shaft seat;  
10      a scanning module slidably set on the shaft;  
a lock set on the housing for fixing the scanning module; and  
a buffer pad set ~~between the shaft seat and the shaft, between the shaft seat and~~  
~~the upper case or lower case, or~~ between the lock and the scanning module.

15      Claim 2 (original): The scanner of claim 1 wherein the buffer pad is an arc-shaped elastomer set between the shaft seat and the shaft.

Claim 3 (original): The scanner of claim 1 wherein the buffer pad is a ring-shaped elastomer set between the shaft seat and the shaft.

20      Claim 4 (original): The scanner of claim 1 wherein the buffer pad is an elastomer laid on the lock and set between the lock and the scanning module.

25      Claim 5 (original): The scanner of claim 1 wherein the buffer pad is an elastomer set into a groove which is between the lock and the scanning module.

Claim 6 (currently amended): A scanner comprising:

a housing including an upper case and a lower case;  
a shaft seat set between the upper case and the lower case;  
30      a shaft set on the shaft seat;

a scanning module slidably set on the shaft; and  
a buffer pad set between the shaft seat and the shaft or between the shaft seat and  
the upper case or the lower case.

5 Claim 7 (original): The scanner of claim 6 wherein the buffer pad is an arc-shaped elastomer set between the shaft seat and the shaft.

Claim 8 (original): The scanner of claim 6 wherein the buffer pad is a ring-shaped elastomer set between the shaft seat and the shaft.

10 Claim 9 (original): The scanner of claim 6 wherein the scanner further comprises a bolt for fixing the scanning module.

15 Claim 10 (original): The scanner of claim 9 wherein the surface of the bolt is covered with an elastomer.

Claim 11 (original): The scanner of claim 9 wherein a groove that contains the bolt in the scanning module is lined with an elastomer.

Claim 12 (new): A scanner comprising:

20 a housing including an upper case and a lower case;  
a shaft seat set between the upper case and the lower case;  
a shaft set on the shaft seat;  
a scanning module slidably set on the shaft; and  
a buffer pad set between the shaft seat and the upper case or the lower case.

25 Claim 13 (new): The scanner of claim 12 wherein the buffer pad is an arc-shaped elastomer set between the shaft seat and the shaft.

30 Claim 14 (new): The scanner of claim 12 wherein the buffer pad is a ring-shaped elastomer set between the shaft seat and the shaft.

Claim 15 (new): The scanner of claim 12 wherein the scanner further comprises a bolt for fixing the scanning module.

5 Claim 16 (new): The scanner of claim 15 wherein the surface of the bolt is covered with an elastomer.

Claim 17 (new): The scanner of claim 15 wherein a groove that contains the bolt in the scanning module is lined with an elastomer.